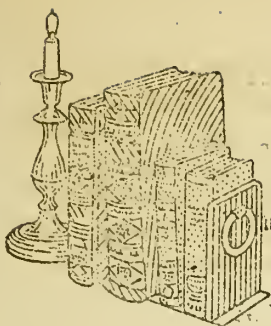


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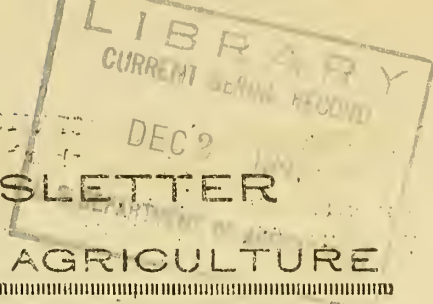
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# LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE



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## NEW BOOKS

**ANIMAL BREEDING** by Laurence M. Winters. N.Y., Wiley and Sons, 1948. 404 p. 40 W73 Ed. 4.

The changes in this fourth edition typify progressive increases in information and the resultant changes in philosophy regarding the subject. The opening chapter, The Economic Importance of Animal Improvement, has been expanded to include a brief introduction to the problem of improving animal breeding. The title of the second chapter, History, has been expanded to Historical background. The discussion of the Physical Basis of Heredity has been incorporated with the description of Gametogenesis. The chapter, Prenatal Development, has been expanded, and several new illustrations are introduced. ---The Preface.

**THE COMING AGE OF WOOD** by Egon Glesinger. N.Y., Simon and Schuster, 1949. 279 p. 99.75 C48.

"This is the Atomic Age, and its dynamic sounding name symbolizes progress, but that does not make it any less the Age of Wood." So states Dr. Glesinger, of the Forestry Division of the Food and Agriculture Organization of the United Nations. "Atomic energy, technical progress in all fields, and changes in the world's social and political structure will retain general attention. But billions of tons of additional goods derived every year from the world's forests and ranging from houses to cattle feed and motor fuel will make the difference between past centuries of privation and the new era of plenty for all the people and continents.

**EARLY SETTLERS OF GEORGIA** by James E. Callaway. Athens, University of Georgia Press, 1948. 145 p. 138 C133.

The development of Georgia's cotton economy and pioneer farming enterprises from pre-colonial times to the 1840's.

**FIELD BOOK OF NATURAL HISTORY** by Ephraim L. Palmer. N.Y., McGraw-Hill, 1949. 664 p. 409 P18.

A complete library of natural history, written in a clear graphic style. This comprehensive reference on the whole field of natural history covers not only the plant and animal kingdom, but also the solar system. The scientific as well as common name is given, its place in the biological scheme division, class order, and family; a description of organism and where it is found, ecological information, and its habitat.

INTERNATIONAL RULES OF BOTANICAL NOMENCLATURE compiled by W.H. Camp, H.W. Rickett, and C.A. Weatherby. Second printing. Waltham, Mass. Chronica Botanica Co., 1948. 120 p. (Brittonia, v.6, no.1, p.1-120. April 9, 1947) This unofficial special edition is a compilation of what already has been acted upon favorably or authorized at official sessions of the Subsection for Nomenclature of the more recent International Botanical Congresses, together with certain items pertinent to the work of plant taxonomists. -- Preface.

LABORATORY EXERCISES AND SELF-STUDY OUTLINES IN GENERAL BACTERIOLOGY. rev. ed. by Casper I. Nelson. Minneapolis, Burgess, 1949. 111 p. 448.2 N32. Laboratory manual of instruction in setting up and testing slides, film, etc. General study outlines and laboratory methods.

MANUAL OF INSTRUCTIONS FOR THE SURVEY OF THE PUBLIC LANDS OF THE UNITED STATES, 1947. U.S. Bureau of Land Management, Washington, Gov't Print. Off., 1947. 613 p. 156.56 M31.

The earliest rules for surveying were issued in manuscript and in printed circulars. There have been six previous manuals, each in turn demonstrating improvements in methods, and the newer conditions to be dealt with.

A MANUAL OF THE TIMBERS OF THE WORLD; THEIR CHARACTERISTICS AND USES, by A.L. Howard. 3rd ed. N.Y., Macmillan, 1949. 751 p. 99.79 H83 Ed.3.

A standard reference book on timbers, teeming with useful information, and well illustrated. The vast storehouse of knowledge it contains represents many years of patient research.

OUR GEORGIA-FLORIDA FRONTIER- THE OKEFINOKEE SWAMP, by Albert H. Wright. (vol. 1) N.Y. A.H. Wright, 1945. (Studies In History, nos. 9-14)

This book is an avocational study of the history of an area rich in biological interest, one of the few sizable areas to escape man's conquest. With meticulous care, the author traced 89 spellings of "Okefinokee" finally disagreeing with the U.S. Geographic Board's "Okefenokee." Travels and observations are traced of Ponce de Leon, De Narvaez, De Soto, and many Government agents.

STATISTICAL METHODS APPLIED TO EXPERIMENTS IN AGRICULTURE AND BIOLOGY, by George W. Snedecor. 4th ed. Ames, Iowa. Iowa State College Press, c1946. 485 p. 251 Sn2 Ed.4

The text in this edition has been largely rewritten, and the scope widened. The biologist who has not been able to keep abreast of the progress of statistics finds himself a bit confused by the new ideas and technical terms. This is a whole series of brand new statistical methods that have been marketed. --Preface.

TITANS OF THE SOIL. GREAT BUILDERS OF AGRICULTURE by Edward J. Dies. Chapel Hill, University of North Carolina Press, 1949. 213 p. 119 D563.

"Who are the great men who built our agricultural empire?" This is the question the author asked, and here is his answer-- "For years I put that question to the leading authorities. I wanted to bring together such a group of builders in a single volume. It had never been done.

"After many discussions, I invited scientists and historians of universities and of government agencies to make lists of those men whose contributions were most significant. The lists were assembled, weighed, and shifted, and finally seventeen leaders were chosen, some well known, others unknown to the



public. A chapter is devoted to each of these seventeen men. Each chapter is a complete story in itself.... It reveals the man's specific gifts to agriculture and sketches briefly the highlights of his life. In the final chapter I have grouped some twelve other men whose contributions were significant but by no means as vital as those of the seventeen leaders. Through the lives of all these men runs the history of agriculture, and a large measure of American History."

These are the own words of the author and the reason these men were selected.

VERTEBRATE EMBRYOLOGY by Robert S. McEwen. 3d ed. N.Y., Holt, 1949. 699 p. 442 M15 Ed.3.

Obsolete material has been eliminated in this new edition and new data relating to new discoveries included. The aim has been to incorporate the experimental material along with the descriptive facts as a natural effort to explain them, not as a separate field of study.

#### NEW REFERENCE AIDS

FORESTRY DIRECTORY, 1949. Compiled by Tom Gill and Ellen C. Dowling. Washington, The American Tree Association, c1949. 99 Am3F (Reference)

GUIDE TO AMERICA; A TREASURY OF INFORMATION ABOUT ITS STATES, CITIES, PARKS, AND HISTORICAL POINTS OF INTEREST, edited by Elmer Jenkins. Washington, Public Affairs Press, c1949. 705 p. (Reference)

THE STATESMAN'S YEARBOOK, 1949, edited by S.H. Steinberg. N.Y., Macmillan, 1949. 1543 p. 250 St2 1949. (Reference)

Statistical and historical annual of the states of the world.

#### PAMPHLET MATERIAL

##### BEEES

BEEKEEPING IN KENTUCKY. Ky. Ext. Ser. Circ. 288. Lexington, 1949. 36 p. 275.29 K415.

DIAGNOSING BEE DISEASES IN APIARY. USDA Circ. 392. rev. Washington, 1949. 31 p. 1 Ag84C.

##### CROPS (general)

COSTS AND RETURNS ON FAMILY-TYPE SUGAR CANE FARMS IN LOUISIANA, 1946 and 1947. La. Exp. Sta. B. 438. 42 p. 100 L93.

COTTON VARIETIES AND RELATED STUDIES 1936 THROUGH 1948. Tenn. Exp. Sta. B. 211. 55 p. Knoxville, 1949. 100 T25S.

FERTILIZE CORN FOR HIGHER YIELD. N.C. Exp. Sta. B. 366. 49 p. Raleigh, 1949. 100 N81.

GROW DISEASE-RESISTANT OATS. USDA Farmers' B. 1941. Washington, 1949 rev. 13 p. 1 Ag84F.

GROWING POTATOES IN CALIFORNIA. Calif. Ext. Ser. Circ. 154. Berkeley, 1949. 22 p. 275.29 C12C.

HOW TO GROW TOBACCO PLANTS. Ga. Ext. Ser. Circ. 302. Athens, 1949. rev. 8 p. 275.29 G29C.

MOAICS OF WINTER ORTS AND THEIR CONTROL IN THE SOUTHEASTERN STATES. USDA circ. 809. Washington, 1949. 17 p. 1 Ag84C.

OUR CORN PROGRAM IN SOUTH CAROLINA. Clemson Ext. Ser. Circ. 338. Clemson, 1949. 16 p. 275.29 C59C.

## FARMS AND FARMING

- METHODS AND PRINCIPLES OF FARM DEVELOPMENTS. Ky. Exp. Sta. B. 531. Lexington, 1949. 100 K41.  
RESEARCH FARMING. N.C. Exp. Sta. 35 p. Raleigh, 1949.  
TERRACING FARM LANDS IN GEORGIA. Ga. Ext. Ser. B. 394. Athens, 1949. 27 p. 275.29 G29B.

## FORESTS AND FOREST PRODUCTS

- DECAY RESISTANCE OF BLACK LOCUST HARDWOOD. USDA Tech. B. 984. Washington, 1949. 37 p. 1 Ag84Te.  
LOBLOLLY PINE SEED TREES: SELECTION, FRUITFULNESS, AND MORTALITY. US. Forest Service. Southeastern For. Exp. Sta. Sta. Paper, no. 5. Asheville, 1949. 17 p. 1.9622 S4St2.  
LOGGING FARM FOREST CROPS IN THE NORTHEAST. USDA Farmers' B. 2008. Washington, 1949. 57 p. 1 Ag84F.  
MARKETING FARM TIMBER IN MONROE COUNTY, GEORGIA. U.S. Forest Service. Southeastern For. Exp. Sta. Sta. Paper, no. 3. Asheville, 1949. 33 p. 1.9622 S4St2.  
MARKETS FOR FOREST PRODUCTS IN SOUTHEAST GEORGIA. U.S. Forest Service. Southeastern For. Exp. Sta. Sta. Paper, no. 4. Asheville, 1949. 110 p. 1.9622 S4St2.  
SOME PLAIN FACTS ABOUT THE FOREST. USDA Misc. Pub. 543. Washington, 1949. 22 p. 1 Ag84M.  
TIMBER STAND IMPROVEMENT IN THE SOUTHERN APPALACHIAN REGION. USDA Misc. Pub. 693. Washington, 1949. 80 p. 1 Ag84M.

## FRUITS (general)

- BUNCH GRAPE PRODUCTION IN GEORGIA. Ga. Exp. Sta. Circ. 160. Experiment, 1949. 15 p. 100 G29C.  
GROWING STRAWBERRIES IN THE HOME GARDEN. Calif. Ext. Ser. Circ. 151. Berkeley, 1949. 275.29 C12C.  
HOME CANNING OF FRUITS AND VEGETABLES. La. Ext. Pub. 1006. rep. 32 p. Baton Rouge, 1949. 275.29 L93.  
SUN-DRYING FRUITS. Calif. Exp. Sta. Circ. 392. Berkeley, 1949. 100 C12S.

## HOME ECONOMICS

- BETTER BREAKFASTS. La. Ext. Service. 14 p. Baton Rouge, 1949.  
HOME FREEZING: HOW TO PREPARE, STORE, THAW, AND COOK FROZEN FOODS. Calif. Ext. Ser. Circ. 153. Berkeley, 1949. 21 p. 275.29 C12C.  
PORK ON THE FARM, KILLING, CURING AND CANNING. USDA Farmers' B. 1186. rev. Washington, 1949. 1 Ag84F.  
POSTURE IN HOUSEWORK. USDA AIS 83. Washington, 1949. 23 p. 1 Ag84Ais.

## INSECTS

- COTTON INSECTS AND THEIR CONTROL. N.C. Ext. Ser. Circ. 339. Raleigh, 1949. 275.29 N811. (contains reproductions of BEPQ Picture Sheets 15-20)  
FIELD STUDIES OF THE ALFALFA WEEVIL AND ITS ENVIRONMENT. USDA Tech. B. 975. Washington, 1949. 1 Ag84Te.  
THE TOXIC OR REPELLENT ACTION OF THE EUROPEAN CORN BORER OF CORN PLANTS GROWN IN SOIL TREATED WITH VARIOUS COMPOUNDS. USDA - BE&PQ E-785. August, 1949. 9 p. 1.9 En83.  
USE OF THE PAR SITE TRICHOGRAMMA MINUTUM FOR CONTROLLING PECAN INSECTS. USDA Circ. 818. Washington, 1949. 17 p. 1 Ag84C.



## LIVESTOCK

EFFECTS OF INBREEDING ON BODY SIZE, ANATOMY, AND PRODUCING CAPACITY OF GRADE HOLSTEIN COWS. USDA Tech. B. 990. Washington, 1949. 34 p. 1 Ag84Te.  
FACTORS AFFECTING SUCCESSFUL INSEMINATION OF DAIRY CATTLE. Clemson Ext. Ser. Circ. 340. Clemson, 1949. 14 p. 275.29 C59C.  
ONCE-A-DAY VERSUS TWICE-A-DAY FEEDING FOR DAIRY COWS. USDA Circ. 830. 7 p. Washington, 1949. 1 Ag84C.  
SHEEP PRODUCTION IN NORTH FLORIDA. Fla. Exp. Sta. Circ. S-2. Gainesville, 1949. 14 p. 100 F66S.

## PASTURES AND GRASSES

BUTTERCLOVER. Tenn. Exp. Sta. Circ. 104. Knoxville, 1949. 4 p. 100 T25S.  
COMPARISON OF METHODS OF SUPPLYING PHOSPHORUS TO RANGE CATTLE. USDA Tech. B. 981. Washington, 1949. 22 p. 1 Ag84Te.  
IRRIGATED PASTURES IN CALIFORNIA. Calif. Ext. Ser. Circ. 125. Berkeley, 1949. 58 p. 275.29 C12C.  
LOUISIANA DALLIS GRASS. La. Ext. Ser. Pub. 1001. 3 p. Baton Rouge, 1949. 275.29 L93.  
QUESTIONS AND ANSWERS TO PERMANENT PASTURES IN SOUTH CAROLINA. Clemson, Ext. Ser. Circ. 339. folder. Clemson, 1949. 275.29 C59C.  
WINTER GRAZING IN GEORGIA COASTAL PLAIN. Ga. Coastal Plain Exp. Sta. B. 47. Tifton, 1949. 36 p. 100 G292.

## POULTRY

COMMERCIAL BROILER PRODUCTION. Ga. Ext. Ser. B. 553. Athens, 1949. 12 p. 275.29 G29B.  
DISEASES AND PARASITES OF POULTRY. USDA Farmers' B. 1652. rev. 96 p. Washington, 1949. 1 Ag84F.  
FARM POULTRY RAISING. USDA Farmers' B. 1524. rev. Washington, 1948. 29 p. 1 Ag84F.  
GROW BETTER PULLETS. N.C. Ext. Ser. Circ. 341. Raleigh, 1949. 7 p. 275.29 N811  
TURKEY ON THE TABLE THE YEAR ROUND. USDA Farmers' B. 2011. Washington, 1949. 21 p. 1 Ag84F.

## STORAGE (Farm Produce)

THE COMMERCIAL STORAGE OF FRUITS, VEGETABLES, AND FLORISTS' STOCKS. USDA Circ. 278. rev. Washington, 1949. 60 p. 1 Ag84C.  
STORAGE OF DRY SHELLS CORN IN FARM-TYPE BINS. USDA Circ. 826. Washington, 1949. 36 p. 1 Ag84C.  
STORAGE OF EAR CORN ON THE FARM. USDA Farmers' B. 2010. Washington, 1949. 27 p. 1 Ag84F.  
STORAGE OF SMALL GRAINS AND SHELLS CORN ON THE FARM. USDA Farmers' B. 2009. Washington, 1949. 30 p. 1 Ag84F.

## BIBLIOGRAPHIES

ALFALFA: A SELECTED BIBLIOGRAPHY OF ITS COMPOSITION, PROCESSING, AND USE. USDA AIC 241. 39 p. July 1949. 1.932 A2A82.  
BIBLIOGRAPHY OF EXTENSION RESEARCH. USDA Library. Library List 48. 19 p. Washington, 1949. 1.916 L612.  
PHYSICAL RISK IN FARM PRODUCTION, SELECTED REFERENCES, 1930-1948. USDA Library. Library List, 49. 29 p. Washington, 1949. 1.916 L612.

#### MISCELLANEOUS

- ADOBE OR SUN-DRIED BRICK FOR FARM BUILDINGS. USDA Farmers' B. 1720. rev. 18 p. Washington, 1949. 1 Ag84F.
- AMPHIBIANS AND REPTILES OF LOUISIANA. La. Ext. Pub. 1005. 12 p. 275.29 L93.
- APPRAISAL AND CONTROL OF DUPLICATING SERVICE. U.S. Bureau of the Budget. Management Bulletin. Washington, 1949. 44 p. 151.28 M31.
- CARE OF HOUSE PLANTS. N.C. Ext. Ser. Circ. 340. 8 p. Raleigh, 1949. 275.29 N811.
- CONSTRUCTION OF FARM FISH PONDS. Ala. Polytechnic Institute. Ala. Exp. Sta. Circ. 95. Auburn, 1949. 55 p. 100 ALLS.
- CONSUMPTION OF FOOD IN THE UNITED STATES, 1909-48. USDA Misc. Pub. 691. 196 p. Washington, 1949. 1 Ag84M.
- ELECTRIC FENCE CONTROLLERS. Penn. Agr. Exp. Sta. Progress Rept. 14. State College, 1949. 19 p. 100 N81P.
- FARM-MORTGAGE LOANS AND THEIR DISTRIBUTION BY LENDER GROUPS, 1940-1948. U.S.D.A. Circ. 812. Washington, 1949. 63 p. 1 Ag84C.

#### THE PRODUCTION AND MARKETING ADMINISTRATION.

What do you, as a Department employee, know about the various Department Agencies? For example--THE PRODUCTION AND MARKETING ADMINISTRATION.

THE PRODUCTION AND MARKETING ADMINISTRATION was established within the Department of Agriculture in August 1945, by order of the Secretary of Agriculture, to bring together in one agency most of the Department's action programs directly concerned with the production and marketing of agricultural commodities.

Within PMA are the following commodity branches: Cotton, Dairy, Fats and Oils, Fruits and Vegetables, Grain, Livestock, Poultry, Sugar, and Tobacco. Programs are carried out in the States by the various branches, operating primarily through the State PMA Offices and county committees, PMA Commodity Offices, and area and field offices of the branches.

In addition to the Commodity Branches, PMA has several other Branches whose work is of direct importance to agriculture. The Agricultural Conservation Programs Branch, The Food Distribution Programs Branch, Price Support and Foreign Supply Branch, Marketing Facilities Branch, Marketing Research Branch, and Compliance and Investigation Branch.

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